



Inspector's Daily Report

IDR Sheet 1 of 2 Sheets		
Contract C-7852	Day Wednesday	Date July 14, 2010

DIARY - Including but not limited to: a report of the day's operations, time log (if applicable), orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

At the request of Jerry Wood, Mike Mulhern and Tom Badger reviewed the newly exposed cut face between Station 1315+00 and 1315+75. We met with Brad Schut when we arrived on site around 1:30 PM.

We discovered that much of the cut face was covered with soil debris and we were not able to see the preshear line (Figure 1). A small area of bedrock was exposed along the crest near 1315+75, but no preshear holes were visible. Bedrock was also apparent near the base of the east end of the excavation near 1315+00. A 5 to 7-ft-wide bench was preserved where the preshear line had been drilled. Brad said that Charley Murphy with Western States was certain that they had excavated to the preshear line and was concerned that rock was not present in the planned cut face. We spoke with Lonnie (Western States personnel), who informed us that the preshear line should be very close to 5 ft offset from the stakes on the bench. We collectively agreed that they likely had not yet excavated far enough. We recommended to Brad that the contractor excavate another 1 to 2 feet of the slope to investigate for the 0.5H:1V preshear line.

We also told Brad and Jerry, when we saw him later, that the slope was not ready for our inspection, and the stated urgency for the inspection was not warranted, as conveyed earlier to us over the telephone, due to the condition of the slope.

We observed the drilling and grouting of the type L dowels by Cascade NW at Station 1337 (Figure 2). Some of the dowels were located about 9 feet above the working bench, and the contractor reportedly had no difficulty reaching them, as had previously been claimed. We observed some grout loss from fractures in the face. Brad had directed the contractor to stop grouting when this occurs, and allow the grout to cure, and then try grout again to get full coverage of the bars. We took several measurements of discontinuity orientations in this vicinity to track geologic structures newly exposed in the cuts. We painted marks on the measured surfaces, and requested Brad and Jerry to have the survey crew provide us coordinates for four points (A,B, D and E).

We also briefly viewed the texturing of the soil nail wall. We left the site around 2:45 PM.



Figure 1. Newly excavated cut between Stations 1315+00 and 1315+75. Shaded yellow areas appeared to be areas of bedrock exposure.



Figure 2. Dowels at Station 1337 were successfully installed at heights up to 9 feet above the working bench.